"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

SLAVNIN, Mikhail Ippolitovich; IOKHVIDOV, E.S., inzh., retsenzent; LARIONOV, G.Ye., tekhn. red.

[Electrical equipment of electric power plants and transformer substations] Elektrooborudovanie elektricheskikh stantsii i transformatornykh podstantsii. Moskva, Gosenergoizdat, 1963. 551 p. (MIRA 17:2)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

POYARKOV, Mikhail Fedorovich. Prinimala uchastiye POYARKOVA, T.M.; IOKHVIDOV, E.S., red.

[Electrical equipment of power plants] Elektricheskoe oborudovanie stantsii. Moskva, Energiia, 1964. 567 p. (MIRA 17:12)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, V.S., inzh.

Use of electric stoves in city dwellings in the U.S.S.R. Nov. tekh. shil.-kom.khoz. i Elek. i tepl.gor. no.5:10-15 '61. (MIRA 18:9)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

L 36479-66 EWT(1)

ACC NR: AP6027063 SOURCE CODE: UR/0091/66/000/005/0001/0002

AUTHOR: Iokhvidov, E. S.

ORG: none

TITLE: New stage in the development of Soviet electric power engineering

SOURCE: Energetik, no. 5, 1966, 1-2

TOPIC TAGS: electric power engineering, industrial development, electric power plant, steam turbine, electric power transmission

ABSTRACT: A review of the state of soviet electrical power engineering. It is noted that the second half of the past seven year plan saw the construction of many powerful steam-turbine power plants of 150, 200 and 300 thousand kw; by the beginning of 1966, 116 such installations were in operation, plus 12 steam turbine installations of 1,000,000 kw and over, including the Staro-Beshevskaya regional power station of 1,900,000 kw, the Pribaltiyskaya and Verkhne-Tagil'skaya regional stations of 1,600,000 kw. In the coming five year plan, the main thrust of power construction will be the construction of powerful steam turbine installations, with planned power outputs of 2,400,000 kw and over, including mainly individual power units of 300,000 kw, operating with supercritical steam parameters. Twelve such power units are already in

Card 1/2

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L 36479-66

ACC NR: AP6027063

operation. In 1966-70,68-70 more will be built. Units of 500-800 thousand kw power will also be installed by 1970. Three are to be built in all; also, the two first heat producing units of 250,000 kw capacity are to be built in the current five year plan. The plans for the next five year plan also include the construction of long-distance electric power transmission lines, bringing power from northern Kazakhstan to the central European portion of the USSR. The lines will operate at 750 kv AC and 1,500 kv DC. [JPRS: 36,528]

SUB CODE: 10, 05 / SUBM DATE: none

Card 2/2 MLP

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVEDOV, F.M.; KUNTYSH, V.B.

Studying the flow around staggered bundles of pipes with smooth and rough surface in a transverse flow. Trudy LTITSHP no.14:151-157 '64. (MIRA 18:5)

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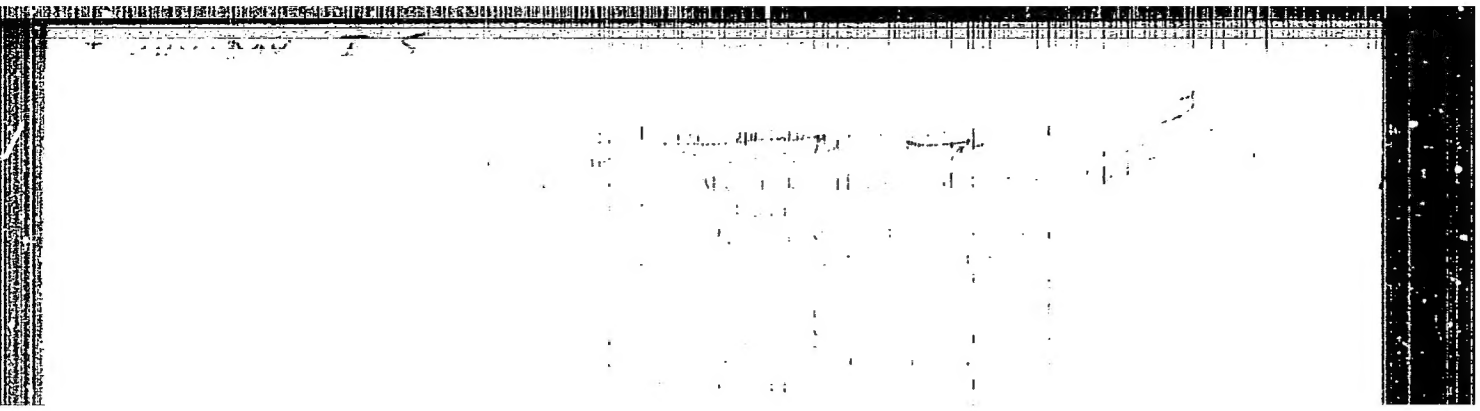

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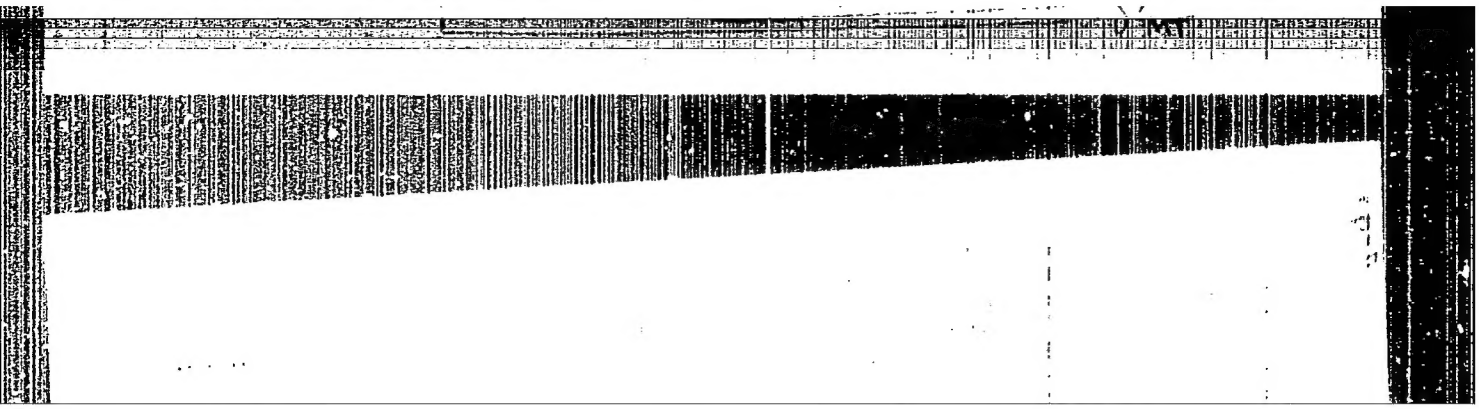

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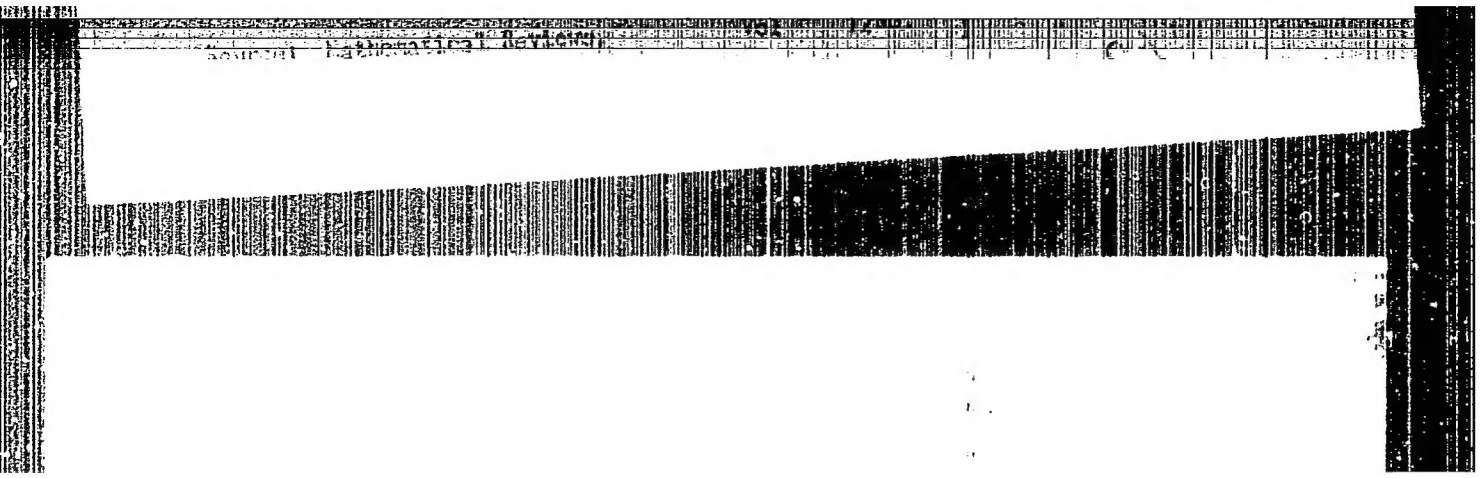

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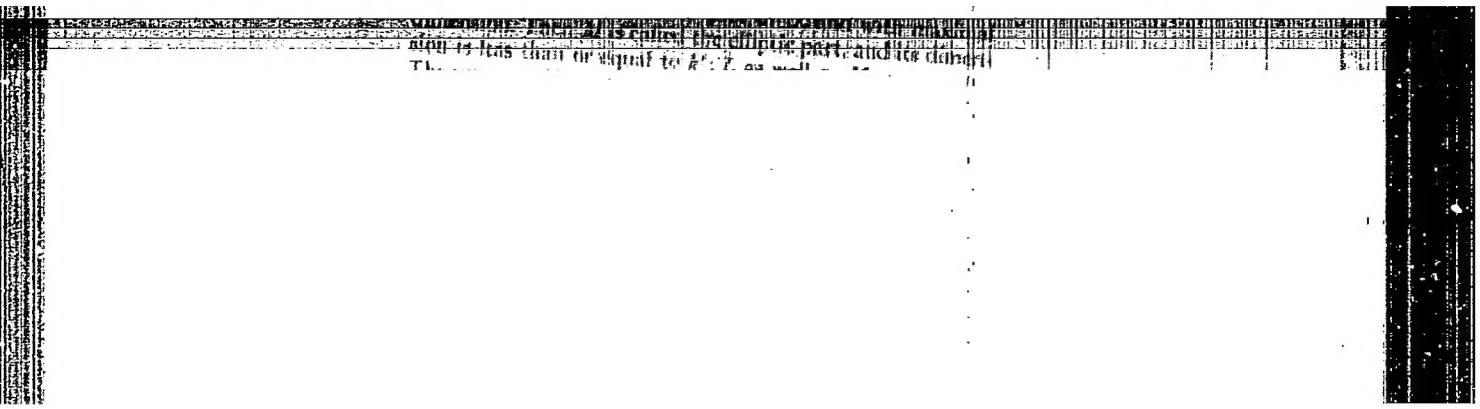

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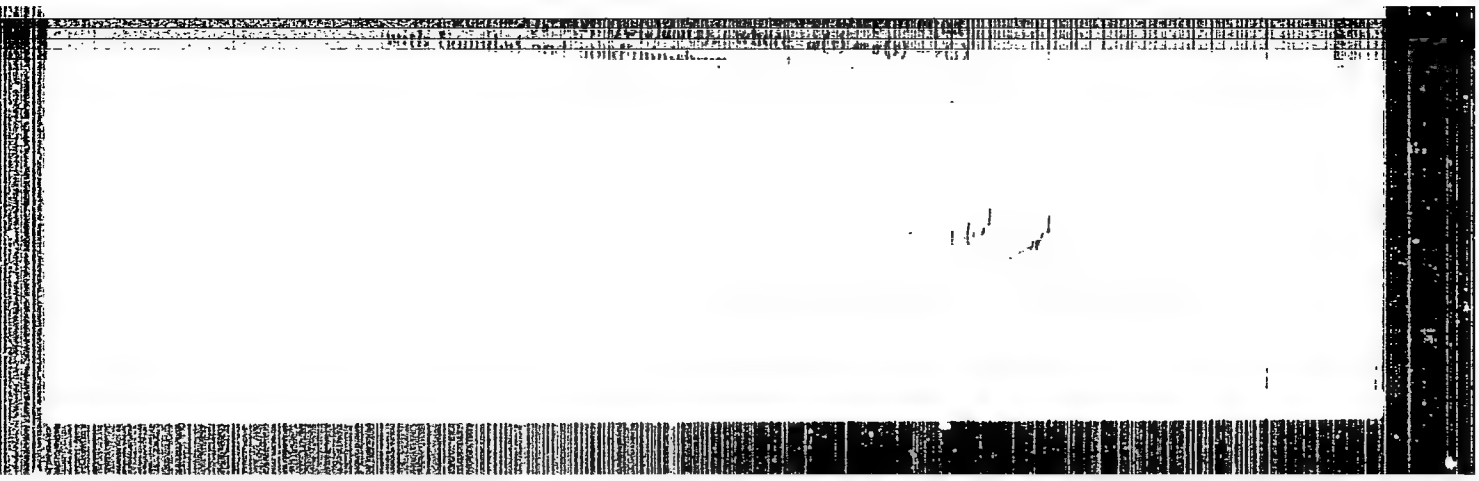

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

USSR / Mathematics - Nonlinear Operators

Card 1/1

Author : Vaynberg, M. M.

Title : Hyperboloids and the conditional extremum of certain functionals in Hilbert space

Periodical : Usp. mat. nauk, 9, No 2(60), 105-112, 1954

Abstract : In the investigation of certain problems of the theory of nonlinear operator equations it is necessary to find the sufficient conditions for the existence of the conditional extremum of the functional $\phi(x) = f(Ax)$, where $f(x)$ is a differentiable functional and A is linear operator in a real Hilbert space H. Here the author gives the sufficient conditions for the existence of the conditional extremum of functional $\phi(x)$ relative unbounded manifolds, hyperboloids generated by A. These concepts, to which certain problems of nonlinear analysis reduce, are also connected with the investigations of L. S. Pontryagin, M. G. Kreyn, M. A. Rutman, and I. S. Iokhviodov.

Submitted : April 1, 1953

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I. S.

USSR/Mathematics -

Card 1/1 Pub. 22 - 5/51

Authors : Iokhvidov, I. S.

Title : Regarding the theory of Toeplet's indefinite forms

Periodical : Dok. AN SSSR 101/2, 213-216, Mar 11, 1955

Abstract : Properties and application to the theory of finite difference equations of indefinite Toeplits forms of sequences

$$\sum_{p,q=0}^{n} c_{p-q}\,\xi_p\,\bar{\xi}_q$$

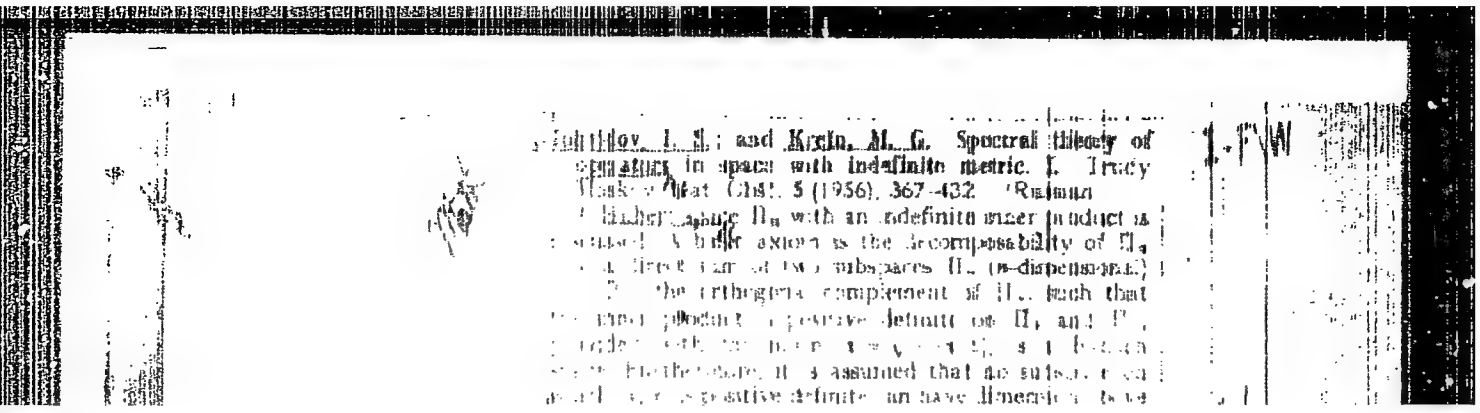
are described and discussed. A few particular cases are analyzed. Five USSR references (1944-1950).

Institution : The Hydrotechnical Institute, Odessa

Presented by : Academician N. N. Kolmogorov, December 14, 1954

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



Iohvidov, I. S.; and Krein, M. G. Spectral theory of operators in space with indefinite metric. I. Trudy Moskov. Mat. Obsl. 5 (1956), 367-432. (Russian)

[illegible] Hilbert space $\Pi_n$ with an indefinite inner product is [illegible]. A basic axiom is the decomposability of $\Pi_n$ [illegible] direct sum of two subspaces $\Pi_n$ ($n$-dimensional) [illegible] the orthogonal complement of $\Pi_n$ such that [illegible] inner product is positive definite on $\Pi_n$ and $\Pi_n$ [illegible] Furthermore, it is assumed that no subspace [illegible] positive definite can have dimension [illegible]

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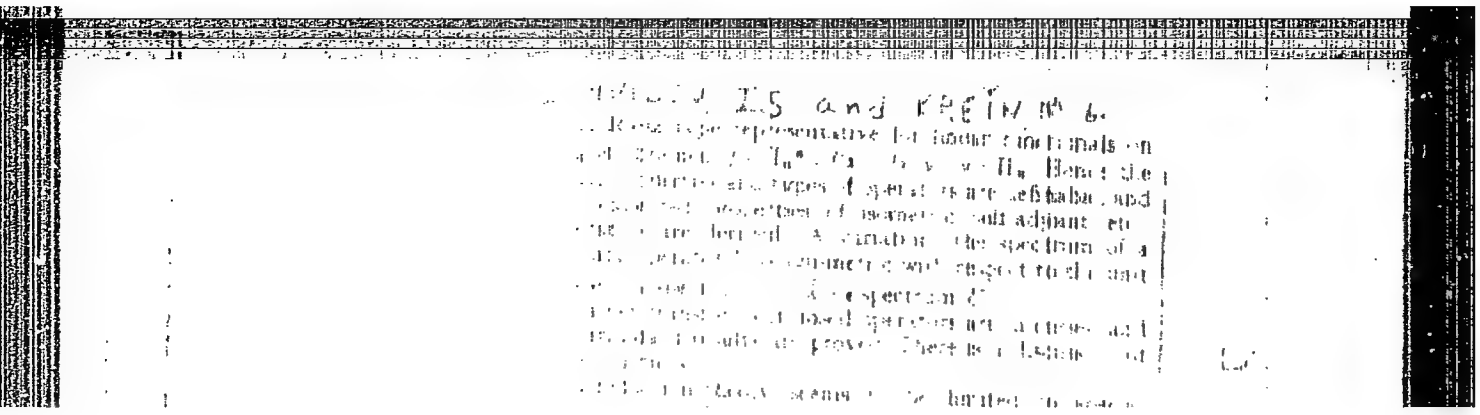

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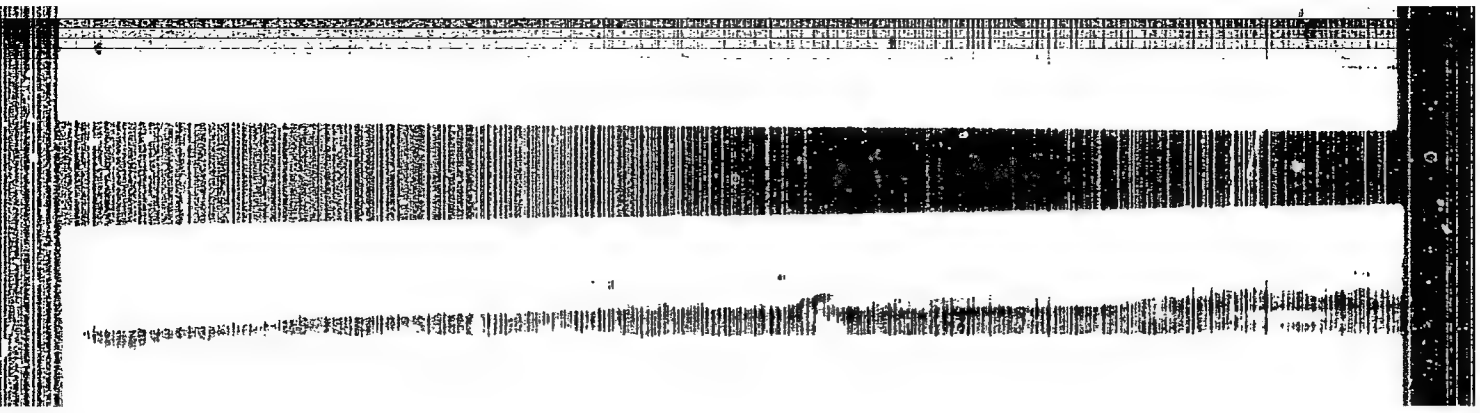

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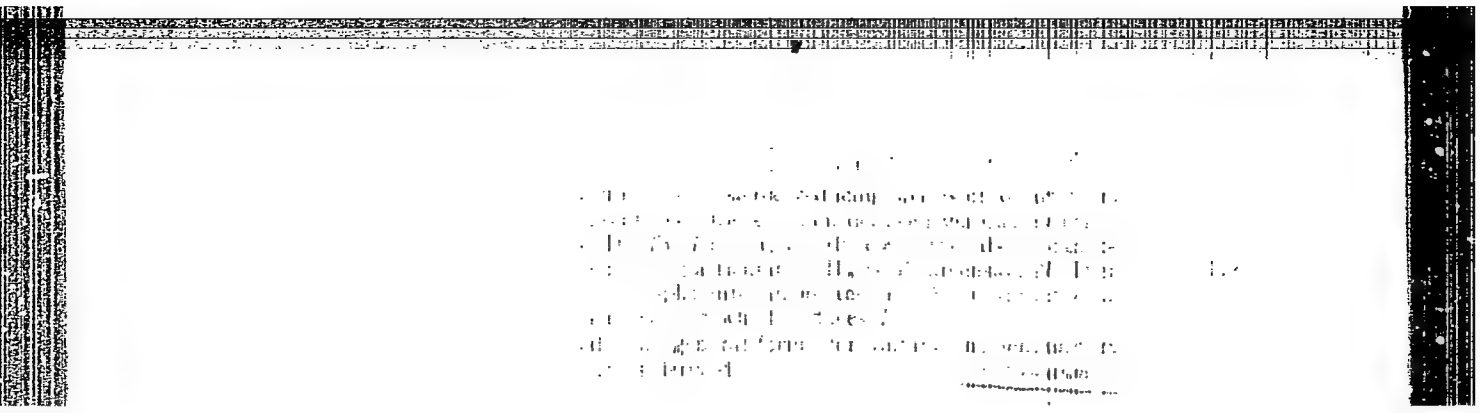

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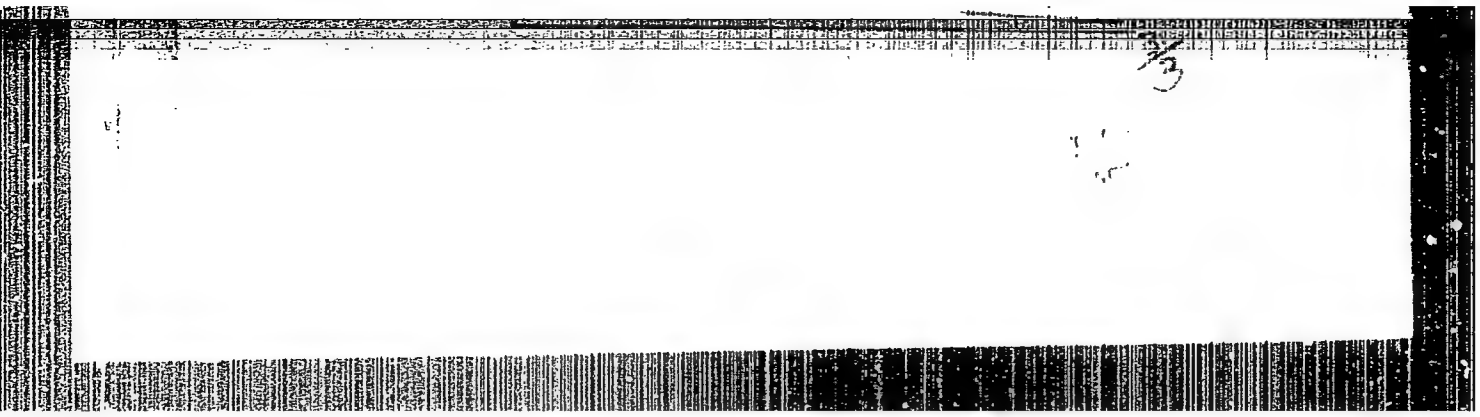

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.; KREYN, M.G.

"Spectral theory of operators in spaces with an indefinite valuation. Part 1." (Trudy Mosk.mat.ob-va vol.5, 1956) Trudy Mosk.mat.ob-va 6:486 '57. (MIRA 10:11)

(Operators (Mathematics))

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



I o K H v. I. Dov, I. S.


Selected Problems in Algebraic Geometry

Dokl. Akad. Nauk SSSR 230 (1976), No. 5, 1026–1029

Dokl. Akad. Nauk SSSR 230 (1976), No. 6, 1264–1267

Dokl. Akad. Nauk SSSR 230 (1976), No. 6, 1268–1271

Dokl. Akad. Nauk SSSR 230 (1976), No. 6, 1272–1275

Dokl. Akad. Nauk SSSR 230 (1976), No. 6, 1276–1279

Dokl. Akad. Nauk SSSR 230 (1976), No. 6,

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.; KREYN, M.G. (Odessa)

Spectrum theory of operators in spaces with an indefinite metric. Part 2. Trudy Mosk.mat.ob-va 8:413-496 '59.
(MIRA 13:2)

(Operators (Mathematics)) (Topology)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

16(1)

AUTHORS: Iokhvidov, I.S., Rutman, M.A. SOV/42-14-3-20/22

TITLE: University Conference on Functional Analysis and its Applications

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 3, pp. 221 - 226 (USSR)

ABSTRACT: The paper contains a report on the conference on functional analysis and its applications which took place on October 20-25, 1958 in Odessa at the Hydrometeorological Institute. There were 140 participators from 8 republics of the USSR. M.G. Kreyn opened the conference. General lectures were given by G.Ye. Shilov and I.M. Gel'fand (read out by M.I. Grayev). Lectures given by : R.A. Aleksandryan, Yu.M. Berezanskiy, N.I. Vilenkin, M.I. Vishik and L.A. Lyusternik, I.M. Gel'fand and M.I. Grayev, M.I. Grayev, V.A. Il'in, L.V. Kantorovich and G.Sh. Rubinshteyn, M.G. Kreyn, M.A. Krasnosel'skiy and S.G. Kreyn, V.B. Lidskiy, M.A. Naymark, A.Ya. Povzner and I.V. Sukharevskiy, D.A. Raykov, A.N. Tikhonov and A.A. Samarskiy, S.V. Fomin, D.E. Allakhverdiyev, B.V. Bazanov, N.Ya. Vilenkin, Yu.P. Ginzburg, Yu.L. Daletskiy, E.I. Gol'dengershel', D.P. Zhelobenko, G.I. Kats, I.S. Kats, A.A. Kirillov, I.Ye. Lutsenko,

Card 1/3

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University Conference on Functional Analysis and its Applications SOV/42-14-3-20/22

V.E. Lyantse, G.V. Maykov and S.N. Sokolov, R.G. Maksudov, V.P. Maslov, R.A. Minlos, B.S. Mityagin, V.I. Sobolev, I.I. Pyatetskiy - Shapiro, L.A. Sakhnovich, L.D. Fadeyev, S.V. Fomin, G.Ye. Shilov, Yu.L. Shmul'yan, A.V. Shtraus, M.I. Kliot-Dashinskiy, M.V. Azbelev and Z.B. Tsalyuk, K.G. Akhmedov, I.Ya. Bakel'man, M.Sh. Birman, Ya.V. Bykov, Yu.N. Valitskiy and M.K. Fage and V.G. Khriptun, B.A. Vertgeim, V.P. Glushko and S.G. Kreyn, A.I. Guseynov and A.A. Babayev, M.G. Dzhavadov, I.A. Kupriyanov, Yu.F. Korobeynik, A.I. Koshelev, O.A. Ladyzhenskaya, A.D. Lyashko, L.G. Nizhnik, M.V. Maslennikov, A.M. Molchanov, M.A. Rutman, Z.I. Rekhlitskiy, S.N. Slugin, M.V. Fedoryuk, S.D. Eydel'man, V.A. Yakubovich, G.N. Agayev, G.P. Akilov and A.M. Vershik, I.A. Bakhtin, M.L. Brodskiy, M.M. Vaynberg, I.V. Gel'man, I.Ts. Gokhberg and A.S. Markus, A.S. Dynin, M.I. Kadets, A.G. Kostyuchenko, B.M. Makarov, M.A. Krasnosel'skiy and Ya.B. Rutitskiy, Ya.D. Mamedov and R.M. Sultanov, A.S. Markus, Ye.Ya. Melamed, A.I. Perov, S.S. Ryshkov, D.V. Salekhov, P.G. Skvortsov, Sya Do-shin, and K.M. Fishman.

Card 2/3

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University Conference on Functional Analysis and its Applications SOV/42-14-3-20/22

In the final session the following resolutions were passed : 1.) The next functional analytic meeting will take place in September 1959 at Baku. 2.) Delivery of the material concerning the past meeting to the editors of the Uspekhi matematicheskikh nauk for publication. 3.) Organization of a new periodical "Functional Analysis and Applications". A committee consisting of A.N. Tikhonov, Corresponding Member, AS USSR ; M.G. Kreyn, Corresponding Member, AS Ukr.SSR ; Professors Yu.M. Berezanskiy, M.A. Krasnosel'skiy and G.Ye. Shilov is commissioned to arrange the corresponding steps.

Card 3/3

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I. S.

Unitarnyye operatory v prostranstve s indefinitnoy metrikoy. Odessa, trudy in-ta. Inzh. Morsk. Flota, 7(1947).

SO: Mathematics in the USSR, 1917-1947
edited by Kurosh, A. G.
Markushevich, A. I.
Rashevskiy, P. K.
Moscow-Leningrad, 1948

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Regular full-projection lineal elements in spaces having a general bilinear Hermitian metric. Dokl. AN SSSR 139 no.4:791-794 Ag '61. (MIRA 14:7)

1. Odesskiy inzhenerno-stroitel'nyy institut. Predstavleno akademikom L.S. Pontryaginym.
(Operator, Hermitian) (Spaces, Generalized)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Boundedness of isometric J-operators. Usp. mat. nauk 16 no.4:167-170 Jl-Ag '61. (MIRA 14:8)
(Operators (Mathematics)) (Hilbert space)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

GINZBURG, Yu.P.; IOKHVIDOV, I.S.

Studies on the geometry of infinite-dimensional spaces with bilinear metric. Usp. mat.nauk 17 no.4:3-56 '62. (MIRA 15:8)
(Spaces, Generalized)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Singular lineals in spaces with arbitrary Hermitian bilinear metric. Usp. mat.nauk 17 no.4:127-133 '62. (MIRA 15:8)
(Distance geometry)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

GHINZBURG, I. P.;IOHVIDOV, I. S. [Iokhvidov, I.S.]

Studies on infinite dimensional space geometry with bilinear metric. Analele mat 17 no. 3:3-56 Jl-S '63.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Operators with perfectly continuous iterations. Dokl. AN SSSR 153 no.2:258-261 N '63. (MIRA 16:12)

1. Odesskiy inzhenerno-stroitel'nyy institut. Predstavleno akademikom P.S.Novikovym.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Singular lineals in spaces. Ukr.mat.zhur. 16 no. 3:300-308 '64. (MIRA 17:7)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

Lemma of K. Fan generalizing A.N. Tikhonov's fixed point principle. Dokl. AN SSSR 159 no.3:501-504 N '64
(MIRA 18:1)

1. Odesskiy inzhenerno-stroitel'nyy institut. Predstavleno akademikom L.S. Pontryaginym.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKHVIDOV, I.S.

G-isometric and J-semiunitary operators in Hilbert space.
Usp. mat. nauk 20 no.3:175-181 My-Je '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

AFANAS'YEV, A.P.; ANUCHIN, V.G.; VINOGRADOV, K.V.; GARANINA, M.M.; GILEROVICH, M.M.; DUBROVSKIY, Ye.P.; YEVSTIGNEYEV, A.A.; IOKHVIN, M.R.; KALMYKOV, P.M.; KRENGEL', I.TS.; LOSEV, I.G.; MAYEVSKIY, F.M.; MAZEL', S.I.; MIZHERITSKIY, G.S.; NOVIKOV, M.I.; NAZAR'YEV, O.V.; PCHELKINA, I.A.; RAZUMOV, V.S.; ROZENBLYUM, I.M.; SEROV, B.F.; SKRYPNIK, T.I.; SAL'VIN, Ye.S.; SMOTRINA, V.F.; TELEPNEVA, N.S.; FIL'CHAKOV, N.I.; KHRAPUNOVA, Ye.L.; UNDREVICH, G.S.; UR'T'YEV, P.P.; SHILOV, A.A.; SHIYKOV, A.P.; KIRILLOV, L.M., red.; MARKOCH, M.G., tekhn.red.

[Regulations on the construction of minicipal telephone network lines] Pravila po stroitel'stvu lineinykh sooruzhenii gorodskikh telefonnykh setei. 2.izd. Moskva, Sviaz'izdat, 1962. 511 p. (MIRA 15:5)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Glavnoye upravleniye kapital'nogo stroitel'stva.
(Telephone lines)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKIMIS, K.D.

On the "mobile cecum". Khirurgiia 36 no.4:85-91 Ap '60. (MIRA 13:12)

(CECUM--ABNORMITIES AND DEFORMITIES)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKINA, T.A., BELOV, K.P., BOLSHOVA, K.M.

"The Study of Magnetization of Ferrites in the Region of the Curie Point" (Moscow)

Conference on Physics of Magnetic Phenomena,
May 1956, Sverdlovsk, USSR

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKSHIN, V.A., kand.tekhn.nauk; MOSEYEV, G.I., inzh.

Cooling of wall attached radiational superheaters at the start-up of a boiler. Elek.sta. 32 no.6:7-12 Je '61. (MIRA 14:8)
(Superheaters--Cooling)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I., (st. Petropavlovsk)

First results of the introduction of diesel traction of the Petropavlovsk section. Zhel.dor.transp. 37 no.7:23-27 Jl '56. (MLRA 9:8)

1. Zamestitel' nachal'nika Petropavlovskogo otdeleniya Omskoy dorogi.

(Diesel locomotives)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I., inzh. (Chelyabinsk)

Effectiveness of lengthened haul distances. Zhel.dor. transp. 41 no.12:65-68 D '59. (MIRA 13:4)

1. Zamestitel' nachal'nika sluzhby dvizheniya Yuzhno-Ural'skoy dorogi.
(Railroads--Traffic)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I. (g.Chelyabinsk)

Effectiveness of lengthened haul distances on the Southern Ural Railroad. Zhel.-dor.transp. 43 no.9:55-58 S '61.
(MIRA 14:8)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi.
(Ural Mountain region--Railroads--Management)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I. (Chelyabinsk)

Methods for determining the average train weight. Zhel.dor.transp. 46 no.6:64-65 Je '64. (MIRA 18:1)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I., inzh. (Chelyabinsk)

"Ways of reducing empty car mileage" by I.G.Kazovskii, S.T.Ratin. Reviewed by A.I.Iokton. Zhel.dor.transp. 45 no.2:94-96 F '63. (MIRA 16:2)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi. (Kazovskii, I.G.) (Railroads—Freight) (Ratin, S.T.)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I. (Chelyabinsk)

Technological routing of ore and metallurgical plant freight.
Zhel. dor. transp. 47 no.6:27-30 Je '65. (MIRA 18:6)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, A.I. (Chelyabinsk); SUBBOTIN, S.A. (Chelyabinsk)

Accelarating the turnover of local cars. Zhel. dor. transp. 47 no. 11:27-30 N '65 (MIRA 19:1)

1. Nachal'nik sluzhby dvizheniya Yuzhno-Ural'skoy dorogi (for Iokton). 2. Zamestitel' nachal'nika sluzhby dvizheniya Yuzhno-Ural'skoy dorogi (for Subbotin).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOKTON, B.I.; DVORZHETS, S.A.

We repair wheel pairs of diesel locomotives in the shop. Elek.i tepl.tiaga no.10:34-35 O '57. (MIRA 10:11)

1. Starshiy master kolesnogo tsekha Omskogo lokomotivnogo depo (for Iokton). 2. Nachal'nik tekhnicheskogo otdela Omskogo otdeleniya dorogi (for Dvorshets).
(Locomotives--Maintenance and repair)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

FEDOROVSKAYA, M.F.; RYBAK, V.M.; BATALOVA, F.A.; GRIENKOV, V.G.; IOFFON, B.M.; POTEMKINA, O.N.; SHUVALOVA, A.M.

Results of the treatment of chronic colitis of infectious etiology by means of siphon lavage of the intestine with hypotonic solution of Tambukan mud. Sbor. nauch. rab. vrach san.-kur. uchr. profsoiuzov no.1:136-139 '64. (MIRA 18:10)

1. Yessentukskiy sanatoriy "Kommunist" (glavnyy vrach M.I.Ponomarev).

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

NINOV, N.; IOLEVSKI, M.

Nomenclature for the genetic horizons of the soils of Bulgaria. Izv Inst "Nikola Pushkarov" no.5:67-72 '62.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

15-57-10-14529

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, p. 191 (USSR)

AUTHOR: Iolin, A.M.

TITLE: Graphic Methods for Volumetric Computations in Canal Work (Guide for Canal Construction and Students of Geology) [Raschet ob"yemov kanavnykh rabot graficheski-analiticheskim metodom. (Metod posobiye dlya kollektorov i stud-geol.)]

PERIODICAL: Uch. zap. Kishinevsk. un-ta, 1957, Nr 25, pp 161-168

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLIN, Mikhail Vladimirovich; SERGEYEV, A.F., red.; MAL'KOVA, N.V., tekhn.red.

[Using industrial methods in constructing bridges on columnar foundations] Industrial'noe stroitel'stvo mosta na stolbchatykh fundamentakh. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 59 p.

(MIRA 13:2)

(Bridges, Concrete)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLIN, M.V., inzh.; ZAPRUDNEV, A.S., inzh.

Dismountable stand for making reinforced concrete span structures. Transp.stroi. 10 no.6:13-15 Je '60. (MIRA 13:7)
(Reinforced concrete construction)
(Bridges, Concrete)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLIN, M.V.

Building reinforced concrete spans of road bridges. Transp.stroi. 11 no.4:15-18 Ap '61. (MIRA 14:5)
(Bridges, Concrete)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLIN, M.V.; ALEKSEYEV, V.V.; VAKSMAN, Sh.A.; YEGOROV, B.F.; STEPASHKIN, N.I.

[Building an automobile bridge using precast reinforced concrete structural elements] Stroitel'stvo avtodorozhnogo mosta iz sbornykh zhelezobetonnykh konstruktsii. Moskva, Gostransstroi, 1963. 24 p. (MIRA 17:7)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

VELDRE, V.; IOLIN, Ye.; KARULE, E.

Convergence of the method of integral equations. Vestis Latv ak no.9: 71-73 '61.

1. Akademiya nauk Latviyskoy SSR, Institut fiziki.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

VELDRE, V.; IOLIN, Ye.; KARULE, E.

Ionization of hydrogen atom near the threshold. Vestis Latv ak no.6[67-71 '62.

1. Institut fiziki AN Latviyskoy SSR.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

S/056/62/042/003/028/049
B102/B138

AUTHORS: Damburg, R. Ya., Iolin, Ye. M.

TITLE: Calculation of the diamagnetic susceptibility of helium

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 42, no. 3, 1962, 820

TEXT: Bethe and Salpeter have pointed out that the value of $\overline{r^2}$ for one electron in the He ground state, calculated by the Hartree function, is smaller than the value obtained from recent experiments. It is now shown that this discrepancy cannot be attributed to an inaccurate representation of the wave function. Numerical calculations were carried out with a [illegible]-2 (BESM-2) computer for the more exact wave function given by Kinoshita. The result was the same as obtained with the Hartree function and it is concluded that the experimental value should be verified. There are 4 non-Soviet references. The two references to English-language publications read as follows: T. Kinoshita. Phys. Rev. 105, 1490, 1957; 115, 366, 1959. J. H. Bartlett. Phys. Rev. 98, 1067, 1955.

Card 1/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

Calculation of the diamagnetic ... S/056/62/042/003/028/049
B102/B138

ASSOCIATION: Institut fiziki Akademii nauk Latviyskoy SSR (Institute of Physics of the Academy of Sciences, Latviyskaya SSR)

SUBMITTED: September 15, 1961

Card 2/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

S/181/63/005/004/057/047
B102/B186

AUTHOR: Iolin, Ye. M.

TITLE: Effect of anharmonism on the temperature shift in the Mössbauer effect

PERIODICAL: Fizika tverdogo tela, v. 5, no. 4, 1963, 1194 - 1198

TEXT: The temperature shift $D = p^2/2m^2c^2$ of the $\gamma$-line frequency in recoil-free resonance scattering of $\gamma$-quanta may be derived with respect to temperature according to the virial theorem in harmonic approximation: $dD/dT = C_v/2mc^2$ in the case of an ideal crystal. This law is violated in the case of anharmonic vibrations. In the present paper the effects of anharmonism of third and fourth orders on this law is analyzed. p denotes the momentum of the Mössbauer nucleus, m its mass, $C_v$ the lattice specific heat. Estimates of the effect are given for the limiting cases of high temperatures for a threedimensional crystal, and of low temperatures for (a) a linear chain with interaction between the nearest neighbors and (b) a three-dimensional crystal. In both cases the effects of the limiting

Card 1/2

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



Effect of anharmonism on the...

transitions T→O on the spectra are studied.

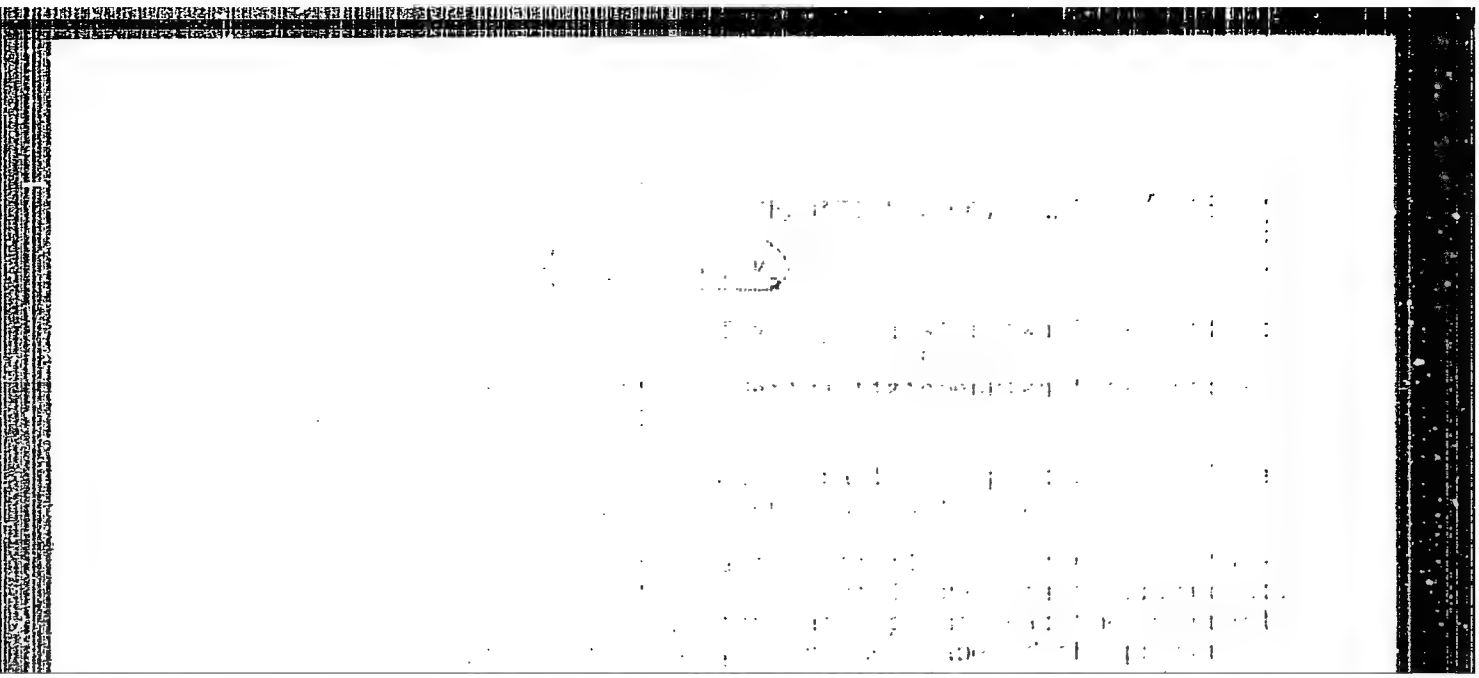
ASSOCIATION: Institut fiziki AN Latv. SSR Riga (Institute of Physics AS LatSSR, Riga)

SUBMITTED: December 7, 1962

Card 2/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



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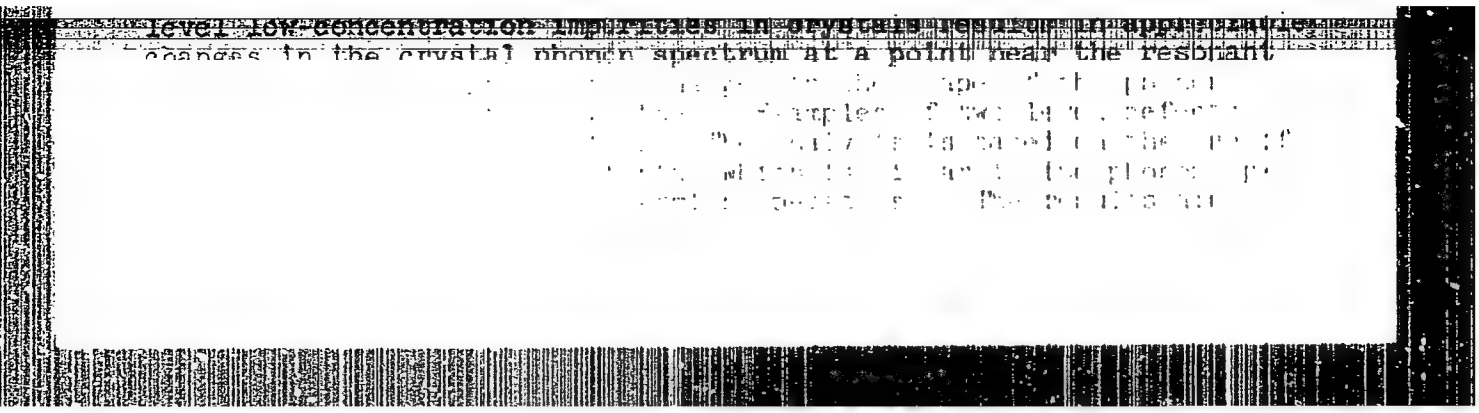
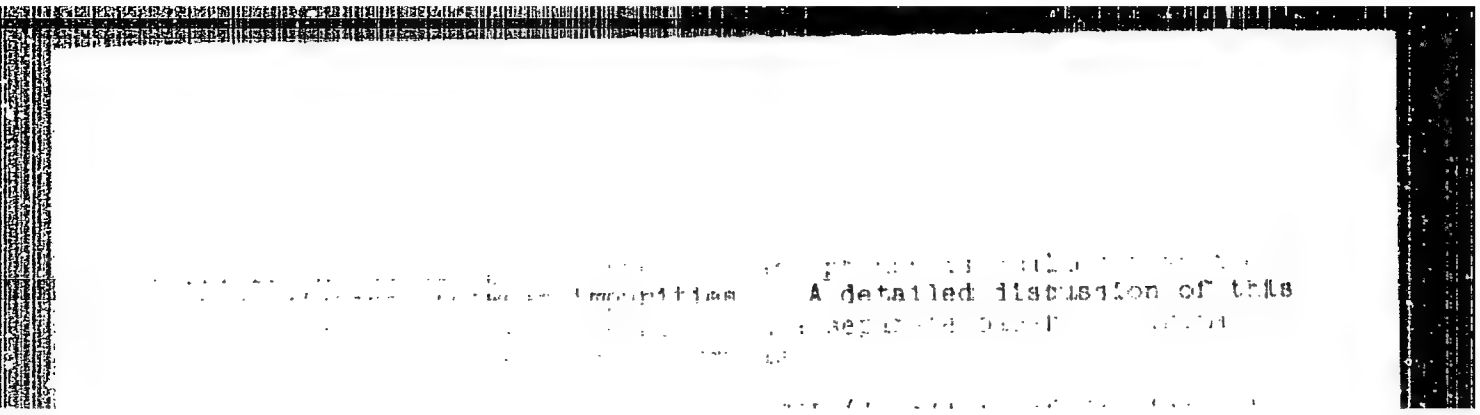
"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



A detailed discussion of this

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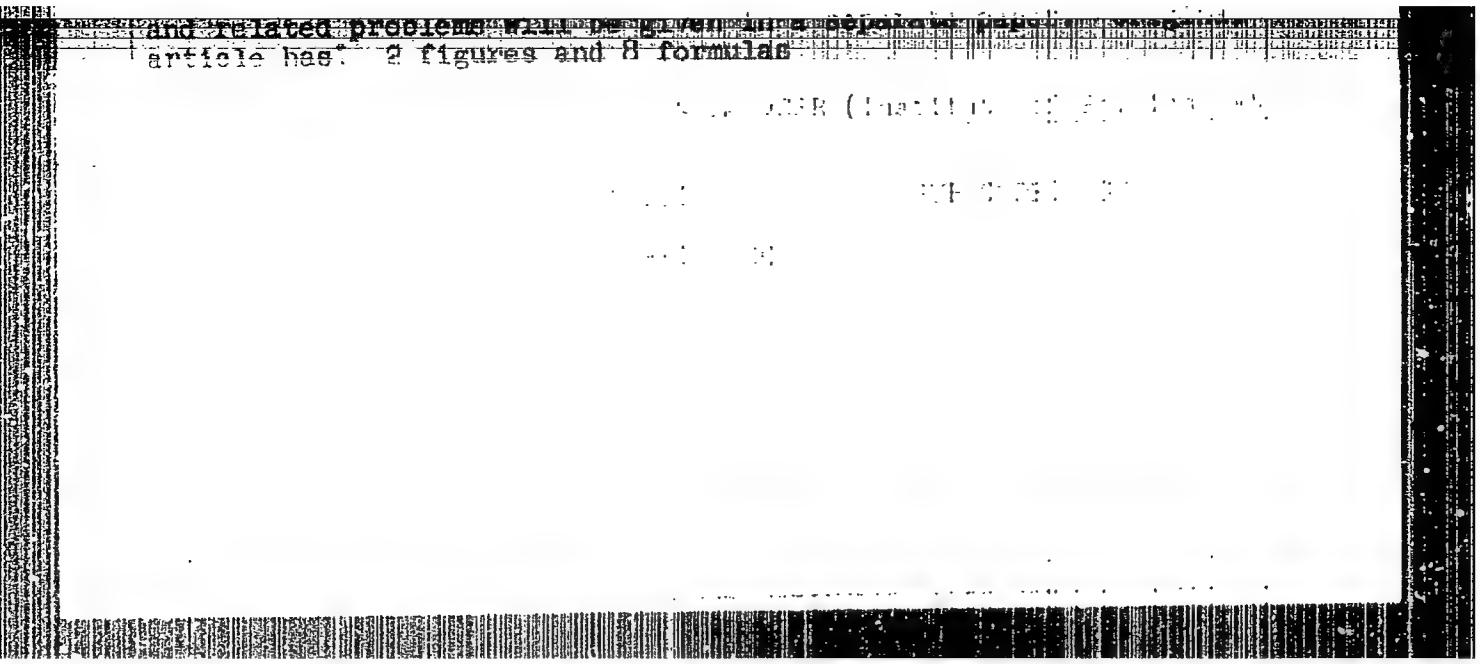

and related problems will be discussed in a separate paper.
article has 2 figures and 8 formulas

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLIN, Ye.M.

Effect of a two-level impurity system on the phonon spectrum of a crystal and the one-quantum inelastic scattering of neutrons. Fiz. tver. tela 7 no.5:1490-1494 My '65. (MIRA 18:5)

1. Institut fiziki AN Latviyskoy SSR, Riga.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

L 00764-66 EWT(1)/T IJP(c) GG

ACCESSION NR: AP5012563 UR/0181/65/007/005/1490/1494

AUTHOR: Iolin, Ye. M. 44,55

TITLE: Effect of two-level impurity system on the phonon spectrum of a crystal and single-quantum inelastic scattering of neutrons 21 44,55

SOURCE: Fizika tverdogo tela, v. 7, no. 5, 1965, 1490-1494

TOPIC TAGS: crystal impurity, impurity level, phonon spectrum, phonon scattering, neutron scattering, line broadening

ABSTRACT: The Feynman-diagram method is used to determine at a temperature T = 0 the influence of two-level impurities such as paramagnetic ions on the phonon spectrum of a crystal, and the nuclear single-phonon coherent scattering of the neutrons. The simplest interaction, which is linear in the phonon operators and bilinear in the fermion operators, is used in a model Hamiltonian, in which only the terms that cause resonant scattering of the phonons are retained. It is shown that two-level defects of low concentration can noticeably change the shape of the line of the nuclear single-phonon coherent neutron scattering. The neutrons may become scattered with excitation of bound spin-phonon states, leading to two peaks in the scattered-neutron line. The interaction (exchange or dipole-dipole) between impurities can broaden the resonant level, thus reducing the cross section for the

Card 1/2

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

L 00764-66

ACCESSION NR: AP5012563

resonant scattering of the phonons. During the time of collision, the interaction between two-level impurities can cause an exchange of energy between the particular defect and the remaining defects. "The author thanks M. A. Krivoglaz for a discussion of the work." Orig. art. has: 2 figures and 9 formulas.

ASSOCIATION: Institut fiziki AN LatvSSR, Riga (Institute of Physics AN LatvSSR)

SUBMITTED: 04May64 ENCL: 00 SUB CODE: SS, EP

NR REF SOV: 001 OTHER: 004

Card 2/2

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

L 07901-67 EWT(d)/EWT(l) IJP(c) AT/WW
ACC NR: AP6033667 SOURCE CODE: UR/0371/66/000/004/0022/0024

AUTHOR: Iolin, Ye. M.--Iolins, E. 36

ORG: Institute of Physics, AN LatSSR (Institut fiziki AN Latv. SSR)

TITLE: Long-lived interaction between paramagnetic ions induced by phonons

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 4, 1966, 22-24

TOPIC TAGS: ion interaction, paramagnetic ion, phonon spectrum, phonon exchange, resonance line, correlation function, anisotropy, paramagnetic resonance

ABSTRACT: Using the Lee model at absolute zero temperature an exact solution of the problem has been found for the case of two-spin correlation function by phonon exchange. The exchange has been found to widen and shift the paramagnetic resonance line. The role of anisotropy in the phonon spectrum has been discussed. Orig. art. has: 4 formulas. [Based on author's abstract]

SUB CODE: 20/ SUBM DATE: 22Jun65/ ORIG REF: 004/ OTH REF: 002/

Card 1/1 Ivo

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLKIN, I. I.

The science of the epidemic process. J. hyg. epidem., Praha 5 no.1: 22-27 '61.

1. Medical Institute of I. M. Setchenov, Faculty of Epidemiology, Moscow.

(EPIDEMIOLOGY)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLKINA, T. A., BELOV, K. P. and [illegible], K. M. (Moscow)

"The Study of Magnetization of Ferrites in the Region of the Curie Point," paper presented at the International Conference on Physics of Magnetic Phenomena, Sverdlovsk, USSR, 23-31 May 1956.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

SOV/136-59-3-5/21

AUTHOR: Iolko, M.V.

TITLE: Influence of Some Factors on the Operating Indices of Converters for Bessemerizing Copper and Copper-nickel Mattes (Vliyaniye nekotorykh faktorov na pokazateli raboty konverterov dlya bessemerovaniya mednykh i medno-nikelevykh shteynov)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 3, pp 19 - 22 (USSR)

ABSTRACT: The author considers the main factors influencing the productivity and economics of the converter process in the light of some recommendations made in recent articles. He discusses first the article by L.M. Shalygin in Tsvetnyye Metally, 1955, Nr 5. He discounts the proposals of that author that blast pressure and slag temperature should be increased, considering 0.7-0.8 atm and 1 150 °C sufficient. The author recalls his own recommendations in favour of a converter with a 1.8 x 1.8 m top and on the general dimensions of the converter (published in the Byulleten Soyuznikel'olovoproyekta", 1936, Nr 6). He considers that the maximal quantity of working tuyeres should

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5



Influence of Some Factors on the Operating Indices of Converters for Bessemerizing Copper and Copper-nickel Mattes

be provided and the throat made as large as possible. On the basis of the work at the Gintsvetmet in 1932-1934 and the experiments of P.S. Kusakin and N.P. Diyev (1950-1951) the author recommends the use of oxygen-enriched air. An oxygen plant has been completed at the Balkhashskiy medelplavil'nyy zavod (Balkhash Copper-smelting Works) and tests of this technique will shortly be carried out.



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLKO, M.V.

Concerning L.M.Shalygin and V.B.Meierovich's article "Ways of accelerating the operation of nonferrous metal converters."
TSvet.met. 35 no.8:88-90 Ag '62. (MIRA 15:8)
(Nonferrous metals--Metallurgy) (Converters)
(Shalygin, L.M.) (Meierovich, V.B.)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLLES, Ya. I.

Barometric leveling by the method of synchronized observations along a route. Prikl. geofiz. no.28:177-203 '60. (MIRA 14:3)
(Barometric hypsometry)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOLLOS, D. S.; GRIDENOK, M. M.

Results of malaria control in Beltsy and the Beltsy District of Moldavian S.S.R. Med. paraz. i paraz. bol. no.6:651-653 '61. (MIRA 15:6)

1. Iz Bel'tskoy gorodskoy sanitarno-epidemiologicheskoy stantsii.

(BEL'TSY—MALARIA—PREVENTION)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

AMIRDZHANOV, G.N., ekonom. ; IOLNESYAN, Z.A., ekonom. ; SAFONOV, N.I., red.; LUKOMNIK, G.I., tekhn. red.

[Reference book and rate list for basic building, industrial and accessory materials for technical and industrial purposes; instruments and automotive spare parts in 1950 prices; for the purposes of the lowering of prices as of July, 1950] Spravochnik-tsennik na osnovnye stroitel'nye, tekhnicheskie i vspomogatel'nye materialy proizvodstvenno-tekhnicheskogo naznacheniia, instrumenty i avtozapchasti v tsenakh 1950 goda; s uchetom snizheniia tsen s 1 iiulia 1950 goda. Baku, Izd. "Bakgorspravki." Vol.2. Pt.1. 1950. 621 p. (MIRA 14:9)

(Building materials--Prices)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

I. I. F, -. L.

USSR/Scientists-Euler

Card : 1/1

Authors : Zagorskiy, F. N., Cand. in Tech. Sciences and Kolob, G.L., Engineer

Title : Academician, L.P. Euler, the founder of the theory of evolvent gear meshing

Periodical : Vest. Mash. 34/5, 90 - 91, May 1954

Abstract : The article attributes the formulation of the theory of evolvent meshing of gears to Euler, gives biographical information and illustrates some of Euler's ideas with drawings. One Russian reference and two in Latin.

Institution : ....

Submitted : ....

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

Iolokolov, K.V.

AUTHOR: Iolokolov, K. V. 123 - 1 - 123

TITLE: Theory of Caterpillar Drive. Guiding Sproket. (Teoriya gusenichnogo privoda. Napravlyayushchaya zvezdochka).

PERIODICAL: Mauch. tr. Novocherkas. politekhn. in-t, 1955, 30, 63-82. (USSR)

ABSTRACT: The slip of chain from the guiding sprocket is analyzed. The relative positions of chain links and sprocket are shown in several diagrams. The moments of slip are analyzed in the initial and final positions of the roller. Each relative position is graphically recorded in geometrical values in the form of equations. In the solution of these equations the correlations of the links length, the peripheral speed of the sprocket and, the dependance of cranks on the parameters of the leading and guiding sprockets were obtained. It was determined that the cycle of slipping-off the chain from the guiding sprocket must begin before the running-on cycle in the leading sprocket. The analysis of changes in speed

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of a guiding sprocket is shown in graphs and numerous tables. The process of a running-off chain is theoretically analyzed, and graphically represented; the analytical dependencies and computation tables of dimensions are given. Requirements for the design of drives with one and two pull chains are given. It is also indicated that the length of driving chains, should consist of an even number of links with an even number of teeth in the sprocket. Thrity drawings and 4 bibliographical references are given. (The beginning of the discussion - see Trudy Novocherkasskogo politekhnicheskogo instituta, 1948,XX).

Sh. A. S.

Ref. Zh., Mashinostroyeniye, Nr.1, 1957, Item 123,

ASSOCIATION: Polytechnical Institute in Novocherkassk (Novocherkas. politekhn in-t)

PRESENTED BY:

SUBMITTED:

AVAILABLE:

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IVANOV, Minko; MUDROV, Khristo; IOLOV, Iolo

Study of tissue biopreparations. Selskostop nauka 1 no.6: 665-671 '62.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

ZELICHENOK, G.G., kandidat tekhnicheskikh nauk; IOLOVICH, D.S., inzhener, nauchnyy redaktor; UDOD, V.YA., redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor.

[Assembling and operating hoisting and conveying machinery in the construction industry] Montazh i ekspluatatsiia pod'emno-transportnykh mashin predpriiatii stroitel'noi industrii. Izd.2-oe, perer.i dop. Moskva, Gos.izd-vo lit-ry po stroit.i arkhit., 1957. 284 p. (MIRA 10:11)

(Hoisting machinery) (Conveying machinery)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

GENDEL', Emanuil Matveyevich, kand. tekhn.nauk,; IOLOVICH, D.S., inzh., nauchnyy redaktor,; SKVORTSOVA, I.P., red. izd-va,; EL'KINA, E.M., tekhn. red.

[Reconditioning and erecting of structures by means of lifting] Vosstanovlenie i vozvedenie sooruzhenii sposobom pod"ema. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 279 p. (MIRA 11:12)

(Building)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

Iosif Salomonovich Iolevich, d. 1964 ; an obituary. Zhur. nevr. i psikh. 65 no.1:157 '65. (MIRA 18:2)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

GOL'DOVSKAYA, T.I.; IOLOVICH, I.S. (Moskva)

Development of dispensary psychoneurological aid in the Russian Federation. Zhur.nevr.i psikh. 60 no.9:1085-1088 '60. (MIRA 14:1)

(PSYCHIATRIC CLINICS)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

BANSHCHIKOV, V.M. (Moskva); IOLOVICH, I.S. (Moskva)

Alcoholism and the organization of treatment for alcoholic diseases. Probl.sud.psikh. 9:361-369 '61. (MIRA 15:2)
(ALCOHOLISM--TREATMENT)

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

S/170/62/005/002/001/009
B104/B138

AUTHORS: Tsekhanskaya, Yu. V., Iomtev, M. B.

TITLE: Method of measuring the diffusion coefficients of solid substances in compressed gases

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 2, 1962, 24 - 29

TEXT: In the method described here, the rate of diffusion of a solid in a gas is determined from its loss of weight, and no analyses are carried out. The diffusion chamber is made of stainless steel (Fig. 1) and consists of a vessel, a screw, and a valve. The cylindrical channel is 10.0± 0.1 mm in diameter and 71.0±0.1 mm in length. The channel is filled with round rods (10) made of calibrated iron wire and 0.5 and 0.8 mm in diameter. A tablet (9) of solid, pressed analytical purity diphenyl amine (m. p. 50°C) is placed at the bottom of the channel. A gaseous solution saturated with diphenyl amide is formed on the surface of the tablet by introducing carbon dioxide through the valve. The diphenyl amide diffuses into the capillaries between the rods. Prior to the experiment, the tablet was ground to fit the steel socket. The diffusion chamber with



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the socket and tablet inside was evacuated at room temperature and put into a thermostat. After the desired temperature had been reached, the required pressure was created in the chamber with a hydraulic press. The diffusion coefficient of the diphenyl amine was calculated from an equation derived from Fick's second equation by integration. It was assumed to be independent of the composition (Jost W., Diffusion in Solids, Liquids and Gases. New York, 1952). The experiments were made at 32.3°C and at pressures varying from 130.5 to 77.0 at, and took 5 min to 50 hrs. In the pressure range under consideration, the diffusion coefficient varied almost linearly from $0.6 \cdot 10^{-4}$ $cm^2 \cdot sec^{-1}$ to $1.9 \cdot 10^{-4}$ $cm^2 \cdot sec^{-1}$. The error was 5 - 10%. I. R. Krichevskiy is thanked for advice and interest. There are 3 figures, 1 table, and 22 references: 10 Soviet and 12 non-Soviet. The four most recent references to English-language publications read as follows: Guildner L., Proc. Nat. Akad. Sci. USA, 44, 1149, 1958; Robb W. L., Drickamer H. G., J. Chem. Phys., 19, 1504, 1951; Jeffries Q. R., Drickamer H. G., J. Chem. Phys., 22,486, 1954; Michels A., Botzen A., Physica, 23, 95, 1957.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

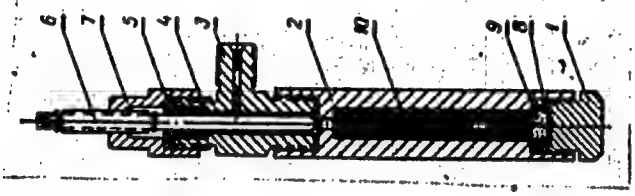
Method of measuring the ...

S/170/62/005/002/001/009
B104/B138

ASSOCIATION: Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, g. Moskva (State Institute of the Nitrogen Industry and Products of Organic Synthesis, Moscow)

SUBMITTED: May 19, 1961

Fig. 1. Diffusion chamber. Legend: (1) screw; (2) vessel; (3) three-way cook; (4) packing; (5) bottom box; (6) spindle; (7) screw; (8) steel socket for tablet; (9) tablet; (10) iron rods.



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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

TSEKHANSKAYA, Yu.V.; IOMTEV, M.B.; MUSHKINA, Ye.V. (Moscow)

Solubility of diphenylamine and naphthalene in carbon dioxide under pressure. Zhur.fiz.khim. 36 no.10:2187-2193 O '62. (MIRA 17:4)

1. Gosudarstvennyy institut azotnoy promyshlennosti, Moskva.

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IOMTEV, M.B.; TSEKHANSKAYA, Yu.V. (Moscow)

Diffusion of naphthalene in compressed ethylene and carbon dioxide. Zhur. fiz. khim. 38 no.4:896-900 Ap '64.
(MIRA 17:6)

1. Gosudarstvennyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.

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TSEKHANSKAYA, Yu.V.; IOMTEV, M.B.; MUSHKINA, Ye.V.

Solubility of naphthalene in ethylene and carbon dioxide under pressure. Zhur. fiz. khim. 38 no.9:2166-2171 S '64.
(MIRA 17:12)

1. Institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Moskva.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5"

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KALAYDZHIYEV, V. [Kalaidzhiev, V. Kh.]; IOMTOV, M. [Iomtov, M.I.]; STOYANOVA, N. [Stoianova, N.]

A comparative analysis of the antigens of the S. typhi (TY-2) strain, and the vaccines obtained from it by precipitation in agar. Trudy epidemiol mikrobiol 8:17-20 '61 [publ.'62].

1. Otvetstvennyi redaktor, "Trudy Nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii" (for Kalaidzhiev).
2. Chlen Redaktsionnoy kollegii, "Trudy Nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii" (for Iomtov).

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BUCHVAROV, R.; VENKOV, L.; IOMTOV, M.; NIKOLOV, T.

Changes in nucleic acids and ribonuclease activity of guinea pig spleen shortly after immunization. Izv biokhim BAN 2:71-76 '64.

1. Chair of Biochemistry at the Higher Medical Institute, Sofia, and Laboratory of Biochemistry at the Scientific Research Institute for Epidemiology and Microbiology, Sofia.

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

VRANCHEVA, S.; DENCHEV, V.; YOMTOV, M. [Iomtov, M.]

Experimental active immunization by the perfringens-oedematiens-tetanus trianatoxin. Trudy epidemiol mikrobiol 8:91-96 '61 [publ.'62].

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

S/166/62/000/004/004/010
B112/B186

10.1230

AUTHOR: Iomudov, Sh.

TITLE: An integration method for the equation of the fuselage in the vortex interpretation of the theory of functions of a complex variable

PERIODICAL: Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 4, 1962, 33 - 37

TEXT: This is a note to I. S. Arzhanykh's theory of functions of a complex variable, in which each analytical function $f(\xi) = \varphi + i\psi$ is associated with a three-dimensional vortex flow of an ideal incompressible fluid (DAN SSSR, 1950, v. 73, no. 4). The surface of this flow is determined by the wing $\psi = a = \text{const.}$, and by the fuselage $z = V(x,y)$ which satisfies the equation

$$\frac{D}{D(x,y)}\left[\frac{D(V,\psi)}{D(x,y)},\psi\right] = 0.$$

Arzhanykh derived a very complicated fourth-order partial differential equation for the function V. In the present paper, a third-order quasi-

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An integration method for the...

linear equation for an auxiliary function $\Omega$ is set up. For the fuselage $z = V(x,y)$ the formula

$$z = x - 2buf \qquad (13)$$

is finally derived.

ASSOCIATION: Institut matematiki im. V. I. Romanovskogo AN UzSSR
(Institute of Mathematics imeni V. I. Romanovskiy AS UzSSR)

SUBMITTED: November 13, 1961

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"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618630011-5

IOMUDOV, Sh.

Use of conformal mappings for evolving the lines of a stream of turbulent flows in the theory of functions of a complex variable. Izv.AN Turk.SSR.Ser.fiz.-tekh., khim.i geol.nauk no.1:10-15 '62. (MIRA 16:12)

1. Tashkentskiy gosudarstvennyy universitet imeni V.I.Lenina.

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IOMUDSKAYA, D.G.

Some historical premises about the possible ways for the introduction of trachoma into Turkmenistan. Trudy Turk.nauch.-issl.trakh.inst. 6:61-78 '60. (MIRA 15:11)

(TURKMENISTAN—CONJUNCTIVITIS, GRANULAR)

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IOMUDSKIY, K.

Analysis of hydrogeological conditions in southwestern Turkmenia and prospects for the improvement of the water supply. Izv. AN Turk.SSR.Ser.fiz.-tekh., khim. i geol.nauk no.5:71-80 '65. (MIRA 18:11)

1. Institut geologii Gosudarstvennogo geologicheskogo komiteta SSSR. Submitted June 1, 1965.

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IOMUDSKIY, K.

Cost of drinking water in Turkmenistan. Izv. AN Turk. SSR. Ser. fiz.-tekh. khim. i geol. nauk no.3:106-110 '65. (MIRA 18:12)

1. Institut geologii Gosudarstvennogo geologicheskogo komiteta SSSR. Submitted March 27, 1965.

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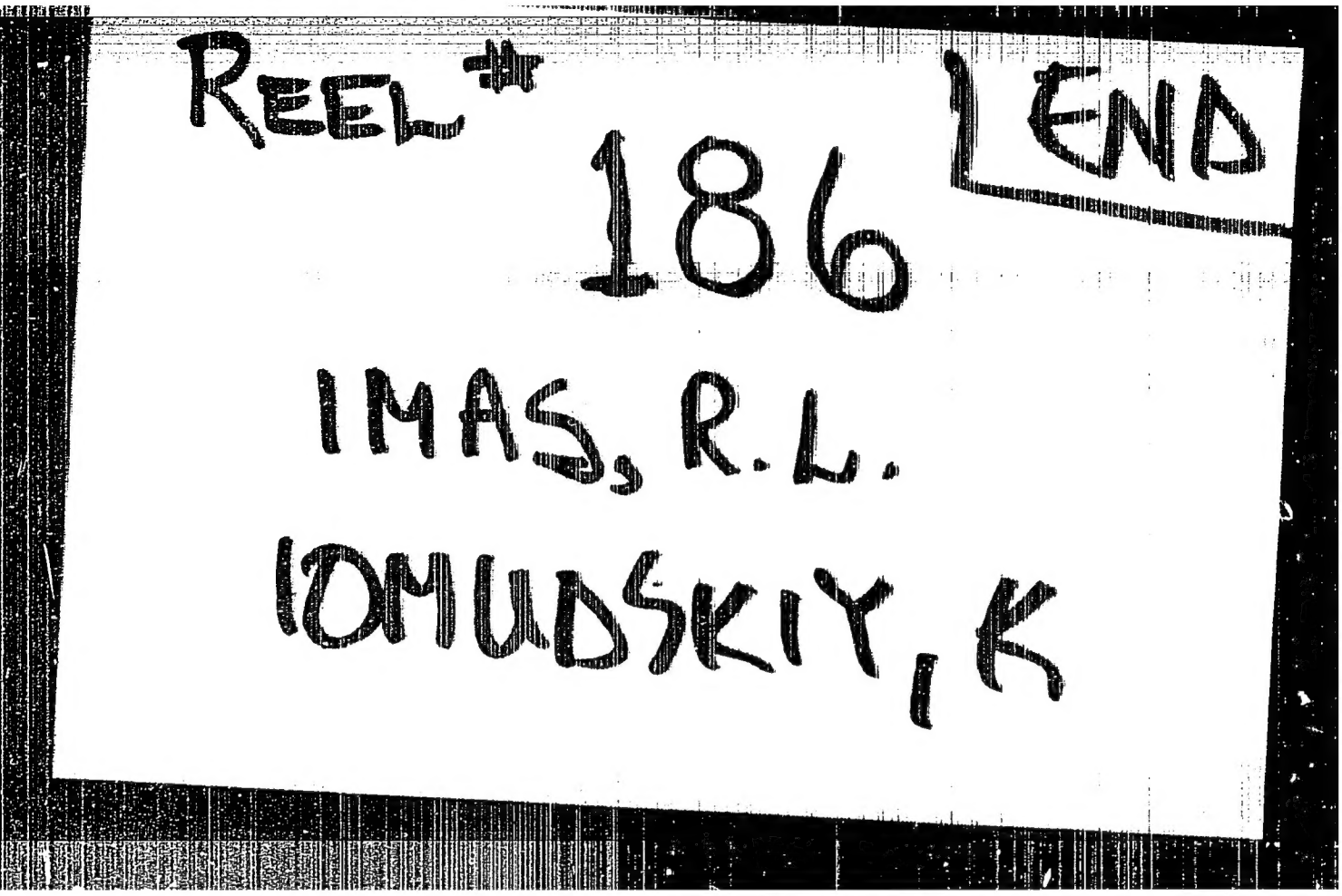


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